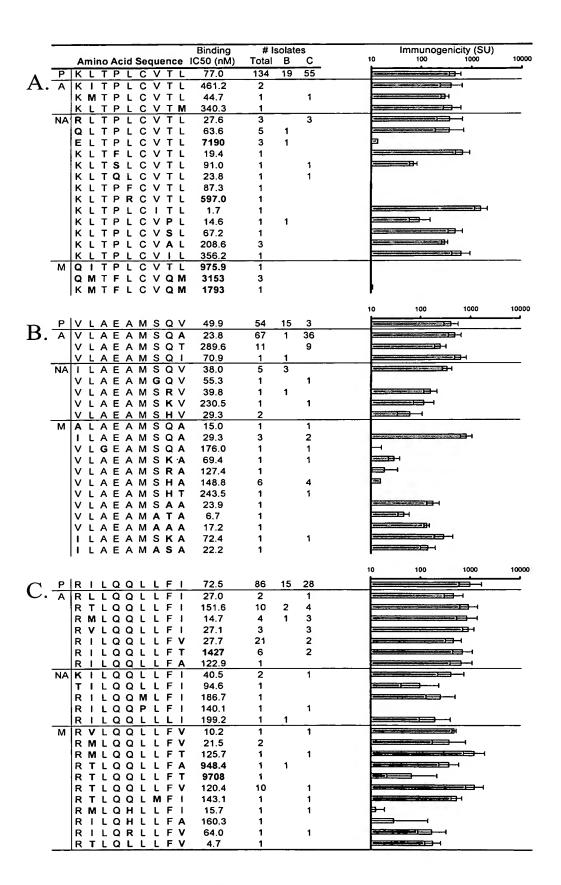
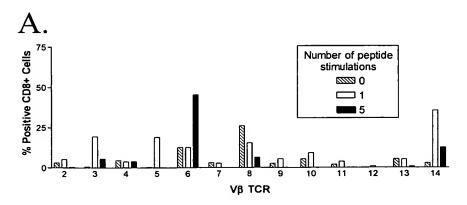
FIGS. 1A-1C

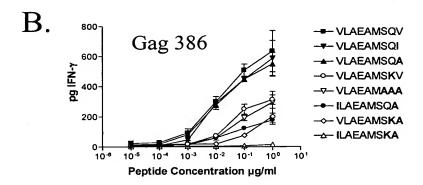


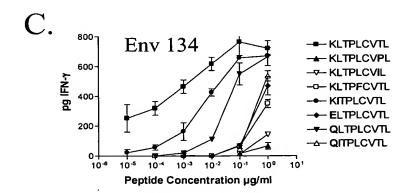
FIGS. 1D-1E

		Binding	nding # Isolates		Immunogenicity (SU)				
	Amino Acid Sequence	IC50 (nM)	Total	В	С	1	0 100	1000	10000
\mathbf{D}	PVTIKIGGQLK	15.5	18	13	1				
D.	AVAIKIGGQLK	151.3	2	1					
	VTIKIGGQLR	64.0	2					19-1	
	NAVTVKIGGQLK	60.7	11	1					
	VTIRIGGQLK	14.4	3	2			F 34	∍ ⊣	
	VTIKVGGQLK	59.4	2	2				⊣	
	VTIKIEGQLK	69.4	2	1			===B-		
	VTIKIGGQIK	183.5	1					— —	
	2NA V T V K I G G Q L R	194.1	3					3—1	
	VTVKIGGELK	39.2	1						
	VTVKIEGQLK	23.2	4						
	V T V K V G G Q L K	54.3	3				(3-1	
	VTVRIGGQLK	15.2	6				E CONTRACTOR OF THE CONTRACTOR	₽	
	VTIRIGGQLR	22.9	2						
	VTIRVGGQLK	13.2	1				H		
	VAIKIGGQIK	940.2	1	1					
	VNIKVGGQLK	1768	1		1				
	VTIKIGGQIR	388.5	1						
	3NA V T I K L G G Q I R	219.5	1				Γ'.		
	VTVKIEGQLR	143.0	4					- .	
	VTVKVGGQLR	198.7	2						
	VTIRVGGQLR	17.3	1						
	VSIKVGGQIK	85.9	30		30		·		
	V T V R V G G Q L K	19.3	1_						
	4NA V T I R V A G Q V K	20.8	1				<u></u>		
	VSIRVGGQTK	20.9	1				ſ		
	VSIRVGGQIK	90.6	4		4				
	VSIKVGGQIR	1339	6		6		1		
	VTVRIGGMQK	13.4	1				1		
	VSIRVGGQTR	240.6	1		1				
	ITVK!GKEVR	12904	1				•		
						1	0 100	1000	10000
\mathbf{T}	P V T V Y Y G V P V W	K 9.2	99	21	30				
E.	AVTVYGVPVW		40		18				
	NAVTIYYGVPVW		1						
	VTVYDGVPVW		1		1			1	
	VTVYYGVPIW		2		•		xx		
	MITVYYGVPVW		1						
	VTIYYGVPVW		1						
	VTVYDGVPVW		1	1					
	VTVYYGIPVW		1					3 →1	
	VTVYYGVPVR		1						
				_					

FIGS. 2A-2C







Best Available Copy

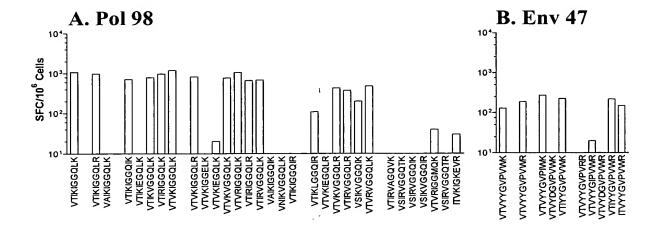


FIG. 4

	Binding			oss-reactivity	Immunogenicity (SU)			
Amino Acid Sequence	IC ₅₀ (nM)	# Isolates	MTNNPPIPV	MTSNPPIPV	10	100 10	00 10000	
MTSNPPIPV	52.8	60	-	+				
MTNNPPIPV	128.4	33	+	+		<u></u>		
MTSNPPVPV	21.8	26	-	+				
MTGNPPIPV	125.1	15	-	+	<u> </u>			
MTGNPPVPV	2021	9	-	+	<u> </u>	<u></u> B+		
MTNNPPVPV	85.6	6	+	+				
MTANPPVPV	20.0	3	-	+	<u> </u>			
MTHNPPIPV	167.0	2	+	-				
MTANPPIPV	2.3	1	-	+	<u> </u>			
MTSDPPIPV	107.4	1	-	+	-	⊒ #		
MTGNPSIPV	15.8	1	-	+	H			
MTGNPAIPV	1200	. 1	-	+		_	MTNNPPIPV	
MTSNPAIPV	1465	1	-	+	┢		MTSNPPIPV	
MTRNPPVPV	9171	1	-	-	j			